

CLAIMS

What is claimed is:

1 1. A suspension system for motor vehicles, comprising:
2 a piston-cylinder assembly having a working cylinder, a piston rod
3 guidably inserted in a piston rod guide in said working cylinder, a damping piston having
4 damping valves, said damping piston being movably arranged in said working cylinder
5 and connected to said piston rod, an enclosed envelope body provided as an
6 equalization space, wherein a wall of said enclosed envelope is a gas-tight blocking
7 layer having a changeable shape, and a connecting element held in said piston rod
8 guide, wherein said connecting element is connected to said enclosed envelope and
9 non-detachably inserted into a drilled hole defined in said piston rod guide for
10 connecting said enclosed envelope to a flow connection.

1 2. The suspension system of claim 1, wherein said connecting
2 element has a supporting surface and a securing ring is inserted in a groove defined in
3 said drilled hole, said securing ring interacting with said supporting surface of said
4 connecting element for preventing withdrawal of said connecting element from said
5 drilled hole.

1 3. The suspension system of claim 2, wherein said securing ring
2 comprises a resiliently expandable ring.

1 4. The suspension system of claim 2, wherein said securing ring is
2 expandable into a groove base of said groove.

1 5. The suspension system of claim 2, wherein said drilled hole has an
2 opening facing said enclosed envelope and said securing ring has an insertion slope
3 which slopes radially outward toward said opening of said drilled hole.

1 6. The suspension system of claim 1, further comprising a bushing
2 inserted in said drilled hole, said bushing defining at least a portion of said groove.

1 7. The suspension system of claim 1, further comprising a seal
2 arranged in said drilled hole.

1 8. The suspension system of claim 2, wherein a first end of said
2 connecting element is inserted in said drilled hole and said supporting surface faces away
3 from said first end.